



CG0114301_2006_03_03

ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency WalesENVIRONMENT AGENCY WALES
NORTHERN AREA
CONSENT REVIEW 2004

UWWTD

[URBAN WASTE WATER TREATMENT DIRECTIVE 1991]

FILE NOTE

A snapshot of WRA 91 Discharge Consents qualifying for review under UWWTD was extracted from WIMS (EA electronic Public Register) on the 21st April 2004. All details shown on this file note are based on the permission extant as of this date.

CONSENT REF :	CG0114301	VERSION :	2		
OPERATOR :	DWR CYMRU CYFYNGEDIG				
DISCHARGE SITE :	LLANEGRYN STW LLANEGRYN GWYNEDD				
EXTANT CONSENT ISSUE DATE :	31/03/2003	EFFECTIVE DATE :	01/04/2003		
DWF (m ³ /day) :	42.8	MAX DAILY VOL. (m ³ /day) :	104	RATE (l/s) :	1.2

Records held on WIMS show LLANEGRYN STW LLANEGRYN GWYNEDD (CG0114301) to be extant under version 2 issued 31/03/2003 with numeric consent conditions, effective 01/04/2003. The works is currently consented to discharge a max daily volume of 104m³/day effluent to the A TRIB OF THE DYSYNNI at NGR SH6171305705.

UWWTD directive aims to deliver a standard level of sewage treatment throughout EC member states. This has been interpreted as prescribing a minimum of secondary biological treatment (package plant or equivalent) on all discharges made to a controlled surface water; or a minimum of primary (septic tank or equivalent) treatment on all discharges made to ground.

The discharge of 104m³/day effluent to 'A TRIB OF THE DYSYNNI', for the purposes of this review, is described as 'secondary treated effluent to surface waters'. This treatment / receiving water combination has been assessed* as APPROPRIATE under the UWWTD review. This consent is reviewed as APPROPRIATE under UWWTD as of 01/09/2005.

* NB: the assessment of this Discharge Consent to meet UWWTD 'appropriate treatment' criteria is based solely on provision of the appropriate 'threshold' level of minimum treatment for the receiving medium. This review does not assess appropriateness in terms of the specific river needs of the receiving water stretch.

Iwan Williams
Regulatory Team Leader (Water Quality)



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ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref. DR/RP/CG0114301

Dyddiad/Date: 12th September 2003

COPY

Environment Quality Scientist
Dwr Cymru Dyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

Dear Sir/Madam,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) MODIFICATION OF CONSENT TO DISCHARGE NO.CG0114301.

Further to our recent correspondence concerning the consent to discharge trade effluent from Llanegryn Sewage Treatment Works, Llanegryn, I enclose the Agency's formal notice of the modifications made to the conditions of the consent.

Under the present Scheme of Charges for Discharges to Controlled Waters an annual charge will be made for all consents to discharge, except where the discharge is of sewage effluent of five cubic metres or less per day. The charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet. A change in conditions may therefore result in a change in annual charge, you may therefore receive a revised bill in due course.

If you are not satisfied with the new conditions of the consent you may appeal against the decision to The National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

Please take careful note that if the holder of the consent changes, you must inform the Agency IN WRITING as soon as possible of the name of the new holder. This is to ensure that the rights and charges associated with the Consent are transferred to the holder. A Certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffôn 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144





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ENVIRONMENT
AGENCY WALES

If you have any queries regarding the enforcement of this consent, please do not hesitate to contact ~~Iwan Thomas~~, Team Leader Environment Protection, Environment Agency Wales, Chester Road, Buckley, Flintshire, CH7 3AJ.

Yours sincerely,

Kelvin Graham
Team Leader Customer Contact & Authorisations

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Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144



CONSENT NO.

CG0114301



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ENVIRONMENT AGENCY

**WATER RESOURCES ACT 1991
(As amended by the Environment Act 1995)**

NOTICE OF MODIFICATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dwr Cymru Cyf
Pentwyn Road, Nelson
Treharris, Mid Glamorgan CF46 6LY

WHEREAS the Agency in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) **VARIED CONSENT** to the making of a discharge of **SEWAGE EFFLUENT** on the 31st day of March 2003

FROM: Llanegryn Sewage Treatment Works, Llanegryn

the Agency in pursuance of its powers under the Water Resources Act 1991 (as amended by the Environment Act 1995) hereby **GIVES NOTICE** that **CONSENT CG0114301** is hereby modified as follows:

A discharge of Secondary Treated Sewage Effluent

FROM: Llanegryn Sewage Treatment Works

AT: Llanegryn

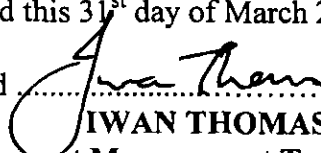
TO: A tributary of the Afon Dysynni

The conditions of Schedule 01 consent number CG0114301 dated 31st March 2003 are modified as detailed in this notice.

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency which alters the effect of modifications made by this notice, without the agreement in writing of the Consent Holder, during a period of 4 years from the date this notice is served.

Dated this 31st day of March 2003

Signed


.....
IWAN THOMAS

Environment Management Team Leader

Asiantaeth yr Amgylchedd Cymru
Ffordd Penlan, Bangor, Gwynedd. LL57 4DE. Ffôn 01248 670770, Ffacs 01248 670561

Environment Agency Wales
Ffordd Penlan, Bangor, Gwynedd. LL57 4DE. Tel 01248 670770, Fax 01248 670561





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CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301 01
DATED	31 st March 2003

Conditions to be modified

Condition 4 is hereby modified to read as follows:

The volume of the Discharge shall not exceed 274 cubic metres per day.

Condition 6 is hereby modified to read as follows:

The rate of discharge shall not exceed 3.2 litres per second.

Other conditions of the consent

All other conditions of the consent remain in force. Consent CG0114301 is updated accordingly.



Water Resources Act 1991

as amended by the Environment Act 1995



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Environment
Agency Wales

Consents to Discharge

Certificate of Holder

Part A

To: DWR CYMRU CYFYNGEDIG
PENTWYN ROAD
NELSON
TREHARRIS
MID GLAMORGAN CF46 6LY

NB: For a body corporate the job title is a point of contact.

Holder Start Date : 31 March 2003

The Environment Agency ("the Agency") hereby confirm that the above named person (or organisation) is a / the registered Holder of the Consent : CG0114301 Consent Issued : 31 March 2003

Nature of Discharge(s) STEC Sewage effluent

at SH6171305705 LLANEGRYN STW LLANEGRYN GWYNEDD

Note : This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else, you must pass the consent to them and tell the Agency within 21 days. Responsibility for the consent cannot be disclaimed by the Holder but the registration of Holder may be transferred to a successor. To do this, please complete the form below (Part B), then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you will still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries, please contact your local Environment Agency office, quoting the Consent Reference.

Part B

Please complete in block capitals or type

To: Water Resources Act 1991 : Notice of transfer of Consent to Discharge

Consent Reference : CG0114301

Name : DWR CYMRU CYFYNGEDIG

Consent Issued : 31 March 2003

Address : PENTWYN ROAD

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

I / We* hereby serve notice on the Agency that I / we* am / are* no longer a / the* Holder of the above consent which will be / was* transferred to :

* delete as appropriate

Name(s) of the new Holder(s) :

Post Code :

Date of Transfer to new Holder(s)

Signed :

Dated :

Name (block capitals) :

Position (if appropriate) :

(to be completed when signing on behalf of corporate bodies)

Deddf Adnoddau Dŵr 1991
fel y'i diwygiwyd gan Ddeddf yr Amgylchedd 1995



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ENVIRONMENT
AGENCY WALES

Caniatâd Gollwng

Tystysgrif Daliwr

Rhan A

At : **DWR CYMRŪ CYFYNGEDIG**
PENTWYN ROAD
NELSON
TREHARRIS
MID GLAMORGAN CF46 6LY

DS: I gorfforaeth gorfforedig mae teitl y swydd yn bwynt cysylltu.

Dyddiad Cychwyn y Daliwr : 31 Mawrth 2003

Mae Asiantaeth yr Amgylchedd ("yr Asiantaeth") yn cadarnhau drwy hyn mai / bod y sawl (neu sefydliad) a enwyd uchod yw / yn ddaliwr cofrestredig y caniatâd : CG0114301 Cyhoeddwyd y Caniatâd : 31 Mawrth 2003

Natur y Gollyngiad(au) : STEC Carthffrwd

yn SH6171305705 LLANEGRYN STW LLANEGRYN GWYNEDD

Noder : Dylid cadw'r dystysgrif hon gyda'r ddogfen ganiatâd i gyfeirio ati yn y dyfodol. Os byddwch yn trosglwyddo cyfrifoldeb am y gollyngiad i rywun arall, rhaid i chi drosglwyddo'r caniatâd iddo ef neu hi a dweud wrth yr Asiantaeth cyn pen 21 diwrnod. Ni all y Daliwr wadu cyfrifoldeb am y caniatâd, ond gall cofrestriad y Daliwr gael ei drosglwyddo i olynnydd. I wneud hynny, byddwch gystal â llenwi'r ffurflen isod (Rhan B), yna'i dychwelyd i'r cyfeiriad a nodir. Os fethwch â throsglwyddo'r caniatâd, hyd yn oed os nad ydych chi'r safle mwyach, gallwch gael eich erlyn am achosi llygredd. Os trosglwyddwch y caniatâd ond heb ddweud wrthym, yna byddwch yn cyflawni trosedd. Os bydd gennych unrhyw ymholiadau a fydddech gystal â chysylltu â'ch swyddfa Asiantaeth yr Amgylchedd lleol, gan ddyfynnu Cyfeirnod y Caniatâd.

— — — — — torrwrch yma — — — — —

Rhan B

Llenwch mewn priflythrennau bras neu deipio

At : **Deddf Adnoddau Dŵr 1991 : Hysbysiad am drosglwyddo Caniatâd Gollwng**

Cyfeirnod y Caniatâd : CG0114301

Enw : DWR CYMRU CYFYNGEDIG

Cyhoeddwyd y 31 Mawrth 2003

Cyfeiriad : PENTWYN ROAD

Caniatâd :

NELSON

TREHARRIS

MID GLAMORGAN CF46 6LY

Yr wyf fi / Yr ydym ni* drwy hyn yn hysbysu'r Asiantaeth nad fi / ni mwyach yw* Daliwr / Deiliaid y caniatâd uchod a fydd yn cael / cafodd ei drosglwyddo i

* dilêr fel yn briodol

Enw(au) y Daliwr / Deiliaid newydd :

Côd Post :

Dyddiad Trosglwyddo i'r Daliwr / Deiliaid newydd :

Llofnodwyd :

Dyddiedig :

Enw (priflythrennau bras) :

Swydd (os yn briodol) :

(i'w llenwi pan yn llofnodi ar ran corfforaethau corfforedig)

COPY



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PR

Eich cyf/Your ref.
Ein cyf/Our ref. RP/DR/CG0114301
Enquiries Ruth Prichard ext 4509
Dyddiad/Date: 15th April 2003

Environment Quality Scientist
Dwr Cymru Cyf
Entwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

Dear Sir/Madam,

RE: WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995) APPLICATION FOR VARIATION OF CONSENT TO DISCHARGE NO CG0114301

Further to your application for variation of consent of the Agency to discharge under the provisions of Section 88 of the Water Resources Act 1991, I enclose the Agency's formal notice of the variations made to the conditions of the consent to discharge sewage effluent from Llanegryn Sewage Treatment Works.

Under the present Scheme of Charges for Discharges to Controlled Waters an annual charge will be made for all consents to discharge, except where the discharge is of sewage effluent of five cubic metres or less per day. This charge is based on information derived from the conditions attached to the consent to discharge, as outlined in the enclosed leaflet. A change in conditions may therefore result in a change in annual charge, you may therefore receive a revised bill in due course.

If you are not satisfied with the new conditions of the consent you may appeal against the decision to the National Assembly for Wales at Cathays Park, Cardiff CF10 3NQ.

Please take careful note that if the holder of the consent changes, you must inform the Agency **IN WRITING** as soon as possible of the name of the new holder. This to ensure that the rights and charges associated with the Consent are transferred to the new holder. A certificate of Holder notice will be sent to you shortly which is designed for this purpose, and should be kept safely with the Consent until required.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sjr y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144



Y903



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ENVIRONMENT
AGENCY WALES

If you have any queries regarding the enforcement of this consent, please do not hesitate to contact Iwan Thomas Team Leader Environment Protection, Environment Agency, Llwyn Brain, Ffordd Penlan, Parc Menai, Bangor, Gwynedd, LL57 4DE.

Yours sincerely,

Kelvin Graham
Team Leader Customer Contact and Authorisations
Enc.

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Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144



COPY

CONSENT NO.	CG0114301
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AGENCY WALES

WATER RESOURCES ACT 1991

SECTION 88 - SCHEDULE 10

(AS AMENDED BY THE ENVIRONMENT ACT 1995)

VARIATION OF CONSENT TO DISCHARGE

TO: Environment Quality Scientist
Dŵr Cymru Cyf.
Pentwyn Road
Nelson
Treharris
Mid Glamorgan CF46 6LY

In pursuance of an application by the consent holder for variation of consent, the **ENVIRONMENT AGENCY** ("The Agency") in pursuance of its powers under the Water Resources Act 1991 **HEREBY VARIES ITS CONSENT** to the making of a discharge **OF SEWAGE EFFLUENT** as follows:

Secondary treated sewage effluent incorporating the requirements of the Urban Waste Water Treatment Regulations (UWWTR) 1994
with respect to Consent No. CG0114301 issued on the 30th January 1985

FROM: LLANEGRYN SEWAGE TREATMENT WORKS

AT: LLANEGRYN

TO: A TRIBUTARY OF THE AFON DYSYNNI

HEREAFTER SUBJECT TO the conditions set out in the following schedule(s):

Secondary Treated Sewage Effluent

Schedule No. CG0114301 01

UWWT Regulations 1994

Schedule No. CG0114301 01/U

Subject to the provisions of Paragraphs 7 and 8 of Schedule 10 of the Water Resources Act 1991, no notice shall be served by the Agency, which alters the effect of variations made to this consent, without the agreement in writing of the consent holder, during a period of 4 years from the date this variation is issued.

This variation of consent is issued and takes effect on the 31st day of March 2003

Signed

Iwan Thomas
IWAN THOMAS

Environment Management Team Leader

Asiantaeth yr Amgylchedd Cymru
Ffordd Penlan, Bangor, Gwynedd. LL57 4DE. Ffôn 01248 670770, Ffacs 01248 670561

Environment Agency Wales
Ffordd Penlan, Bangor, Gwynedd. LL57 4DE. Tel 01248 670770, Fax 01248 670561



W9100



ASiantaeth Yr
Amgylchedd Cymru
Environment
Agency Wales

CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301-01
DATE ISSUED	31 st March 2003

CONDITIONS OF CONSENT TO DISCHARGE

Secondary Treated Sewage Effluent ("the Discharge")

FROM: Llanegryn Sewage Treatment Works

NATURE

1. The Discharge shall consist solely of secondary treated sewage effluent.

LOCATION

2. The Discharge shall be made in the manner and at the place specified as:
 - (a) discharging via a pipe;
 - (b) discharging to a tributary of the Afon Dysynni;
 - (c) at National Grid Reference SH 61713 05705;
 - (d) shown marked 'Consent Point' on Plan CG0114301 attached as Annex 3.

SAMPLE POINT

3. An appropriately labelled sample point shall be provided and maintained at National Grid Reference SH 61688 05726, as shown marked 'Discharge Sample point' on the Plan CG0114301 or some other point as agreed in writing with the Agency, so that a representative spot sample of the Discharge may be obtained. The Consent Holder shall ensure that all constituents of the Discharge pass through the said sampling point at all times and in any legal proceedings it shall, for the purposes of Section 10 of the Rivers (Prevention of Pollution) Act 1961, be presumed, until the contrary is shown, that any sample of the Discharge taken at the said sampling point is a sample of what was being discharged into controlled waters.



CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301 01



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VOLUME

4. The volume of the Discharge shall not exceed 104 cubic metres per day.
5. The Dry Weather Flow of the Discharge shall not exceed 42.8 cubic metres per day.

For the purpose of this condition Dry Weather Flow shall mean the average daily flow to the treatment works during seven consecutive days without rain (excluding a period which includes public holidays) following seven days during which the rainfall did not exceed 0.25 millimetres on any one day.

6. The rate of discharge shall not exceed 1.2 litres per second.

FLOW MEASUREMENT

7. At the request of the Agency, the Consent Holder shall install, operate and maintain a means of flow measuring to a specification and at a location required by the Agency, to enable the daily volume and/or instantaneous flow of the discharge to be recorded. The Consent Holder shall calibrate, operate and maintain the flow monitoring and recording system to a standard agreed or specified by the Agency. The flow and maintenance records shall be provided to the Agency as and when requested.

COMPOSITION

8. (a) Subject to paragraph (b) below, the Discharge shall not contain more than;
 - (i) 22 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20 °C with nitrification suppressed by the addition of allyl-thiourea)
 - (iii) 40 milligrammes per litre of suspended solids (measured after drying at 105 °C);



CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301 01



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Agency Wales**

- (b) The limit for any of the relevant parameters set out in paragraph (a) above may be exceeded where, in any series of samples of the Discharge taken at regular but randomised intervals in any period of twelve consecutive months as listed in Column 1 of the table at Annex 1 to this consent, no more than the relevant number of samples, as listed in Column 2 of the said table, exceed the applicable limit for that relevant parameter.

9. The Discharge shall not contain more than 58 milligrammes per litre of biochemical oxygen demand (measured after 5 days at 20⁰ C with nitrification suppressed by the addition of allyl-thiourea)

WORKS OPERATION

10. The works shall be operated and the effluent shall be treated in a manner which, so far as reasonably practicable, minimises the polluting effects of the discharge made from the works on controlled waters.

This condition does not require -

- (a) any higher standard to be achieved in relation to any characteristic of the discharge which is specifically regulated by Conditions 8 and 9 than is required by those conditions;
- (b) any alteration of the works or a change in the type of treatment used.

UNUSUAL WEATHER

11. (a) No sample of the discharge, taken at a time when unusual weather conditions are adversely affecting the operation of the sewage treatment works, shall be taken into account in deciding whether or not conditions 8, 9 and 10 of this consent schedule have been complied with.
- (b) For the purpose of this condition "unusual weather conditions" shall include:
- (i) low ambient temperatures as evidenced by effluent temperatures of 5 °C or less, or by the freezing of mechanical equipment in the works;





CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301-01

- (ii) significant snow deposits;
 - (iii) tidal or fluvial flooding;
 - (iv) weather conditions causing unforeseen loss of power supply to the sewage treatment which could not be ameliorated by the reasonable provision and operation of standby generation facilities.
- (c) On any occasion where unusual weather conditions adversely affect the operation of the sewage treatment works, the Consent Holder shall use its best endeavours to mitigate that adverse affect.
- (d) For a sample of the discharge to be considered for the purposes of (a) above, the Consent Holder shall notify the Agency by telefax or telephone as soon as unusual weather conditions are known to have adversely affected operations and shall confirm the circumstances in writing as soon as possible thereafter (and in any event within 14 days of the occurrence of such conditions). That notification shall include a full description of the unusual weather conditions and their impact on the operation of the works.

RECORDING AND REPORTING

12. (a) The Consent Holder shall establish and operate a documented maintenance programme and record all non-routine actions undertaken that may have adversely affected effluent quality. Copies of the programme shall be made available for inspection by the Agency's officers at all reasonable times.
- (b) On request the Consent Holder shall supply the Agency with a written report on the maintenance and all non-routine actions that may have adversely affected effluent quality.
13. The Consent Holder shall notify the Agency in writing if any known or planned introduction or material change in respect of discharges from trade premises to the environment occurs, that may increase or introduce into the effluent any "dangerous substance" (set out in Annex 2 to this notice as updated from time to time and notified to the Consent Holder in writing), and any other substance considered by the Consent Holder as having or likely to have a significant effect on the receiving waters.



CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301 01



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SUBSTANTIAL CHANGE

14. (a) A discharge shall not be made from the works if it would cause a significant increase in the polluting effects of the discharge on controlled waters as a result of a new or altered discharge of trade effluent into the works.
- (b) A discharge of trade effluent into the works is new if -
- (i) it is made by the sewerage undertaker and is of a kind not made into the works by the undertaker immediately before the date of effect of this consent; or
 - (ii) it is made by a third party and the discharge is authorised on or after that date.
- (c) A discharge of trade effluent into the works is altered if -
- (i) it is made by the sewerage undertaker and its composition or quantity changes significantly on or after date of variation of this consent ; or
 - (ii) it is made by a third party and the alteration of the discharge is authorised on or after that date.
- (d) An increase in the polluting effects of the discharge on controlled waters is not significant for the purposes of this condition if it relates to any characteristics of the discharge which are specifically regulated by conditions 8 and 9 of this consent schedule but it may be significant if it is caused by a change in some other characteristic of the discharge.
- (e) For the purposes of this condition “trade effluent” means -
- (i) any discharge by the sewerage undertaker other than
 - (1) domestic sewage from premises connected directly or indirectly to the works; or
 - (2) surface water run-off;
 - (ii) any discharge by a third party which is authorised under Chapter III of Part IV of the Water Industry Act 1991 or which is only accepted as a result of a contract with the sewerage undertaker.





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Agency Wales

CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301-01

UNAUTHORISED DISCHARGE

15. (a) A discharge made from the works shall not contain any poisonous, noxious or polluting matter or solid waste matter which is attributable to any unauthorised discharge into the works.
- (b) A discharge into the works is unauthorised if it is made by a third party and either there is no obligation to receive it or conditions subject to which there is an obligation to receive it are not observed.
- (c) Nothing in this, or any other, condition of this consent prevents anyone from relying on any defence available to them under Section 87 of the Water Resources Act 1991.



CONSENT NO.	CG0114301
SCHEDULE NO.	CG0114301 01/U
DATE ISSUED	31st March 2003



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Environment
Agency Wales**

CONDITIONS OF CONSENT TO DISCHARGE

Urban Waste Water Treatment Regulations 1994 ("the Discharge")

FROM: Llanegryn Sewage Treatment Works

- U0** (a) The Consent Holder shall comply with the Urban Waste Water Treatment (England and Wales) Regulations 1994 ('the Regulations').
- (b) For the purpose of condition U1 below, interpretations and references to a numbered regulation or Schedule shall have the meaning as in the Regulations, unless otherwise indicated.
- U1** (a) The Discharge derives from an agglomeration with a population equivalent of less than 2,000 discharging to freshwaters.
- (b) The Consent Holder shall inform the Agency in writing of any change, or proposed change, to the population equivalent such as would make a material change to the application of the Regulations and shall, on request, inform the Agency in writing of the actual population equivalent.
- (c) The Discharge shall be subject to Regulation 5(7) and shall satisfy the relevant requirements of Regulation 5(8)(a).





ANNEX 1

TABLE

<u>Column 1</u>	<u>Column 2</u>
Number of samples taken in any period of 12 months	Maximum number of samples permitted to exceed limit for given determinand
4-7	1
8-16	2
17-28	3
29-40	4
41-53	5
54-67	6
68-81	7
82-95	8
96-110	9
111-125	10
126-140	11
141-155	12
156-171	13
172-187	14
188-203	15
204-219	16
220-235	17
236-251	18
252-268	19
269-284	20
285-300	21
301-317	22
318-334	23
335-350	24
351-365	25





ANNEX 2

- | | |
|--|------------------------------|
| 1. Mercury and its compounds | 2. Cadmium and its compounds |
| 3. Hexachlorocyclohexane
(lindane and related compounds) | 4. Carbon tetrachloride |
| 5. DDT (the isomers of 1,1,1-trichloro-2,2 bis{p-chlorophenyl} ethane) | |
| 6. Pentachlorophenol (PCP) | 7. Aldrin |
| 8. Dieldrin | 9. Endrin |
| 10. Isodrin | 11. Hexachlorobenzene (HCB) |
| 12. Hexachlorobutadiene (HCBd) | 13. Chloroform |
| 14. Polychlorinated biphenyls | 15. Dichlorvos |
| 16. 1,2-Dichloroethane | 17. Trichlorobenzene |
| 18. Atrazine | 19. Simazine |
| 20. Tributyltin compounds | 21. Triphenyltin compounds |
| 22. Trifluralin | 23. Fenitrothion |
| 24. Azinphos-methyl | 25. Malathion |
| 26. Endosulfan | 27. Lead |
| 28. Chromium | 29. Zinc |
| 30. Copper | 31. Nickel |
| 32. Arsenic | 33. *Iron |
| 34. *pH if outside the range 5.5 to 9.0 | 35. *Boron |
| 36. Vanadium | 37. PCSD'S |
| 38. Cyfluthrin | 39. Sulcofuron |
| 40. Flucifuron | 41. Permethrin |
| 42. 4-Chloro-3-methyl-phenol | 43. 2-Chlorophenol |
| 44. 2,4-Dichlorophenol | 45. 2,4-D (ester) |
| 46. 2,4-D (non ester) | 47. 1,1,1-Trichloroethane |
| 48. 1,1,2-Trichloroethane | 49. Bentazone |
| 50. Benzene | 51. Biphenyl |
| 52. Chloronitrotoluenes | 53. Demeton |
| 54. Dimethoate | 55. Linuron |
| 56. MCPA | 57. Mecoprop |
| 58. Mevinphos | 59. Napthalene |
| 60. Omethoate | 61. Toluene |
| 62. Triazophos | 63. Xylene |
| 64. Cyanide | 65. Azinphos-ethyl |
| 66. Fenthion | 67. Parathion |
| 68. Parathion-methyl | 69. Trichloroethylene |
| 70. Tetrachloroethylene | 71. Dioxins |
| 72. PAHs | 73. Nonyl phenol |
| 74. Nonyl phenyl ethoxylate | 75. Di-ethylhexyl phthalate |
| 76. Bisphenol-A | 77. Diazinon |
| 78. Chlorfenvinphos | 79. Chlorotoluron |
| 80. Isoproturon | 81. Diuron |
| 82. Propetamphos | 83. Flumethrin |
| 84. Amitraz | 85. High-Cis Cypermethrin |
| 86. Cyromazine | 87. Deltamethrin |
| 88. Cypermethrin | |

This list is applicable as at 1 December 1998 and will be updated as and when changes to the relevant legislative requirements occur.

*Notification to the Agency by the Consent holder is only required in respect of changes to trade effluents likely to cause significant changes to the pH value, and/or iron or boron concentrations, of the crude sewage.



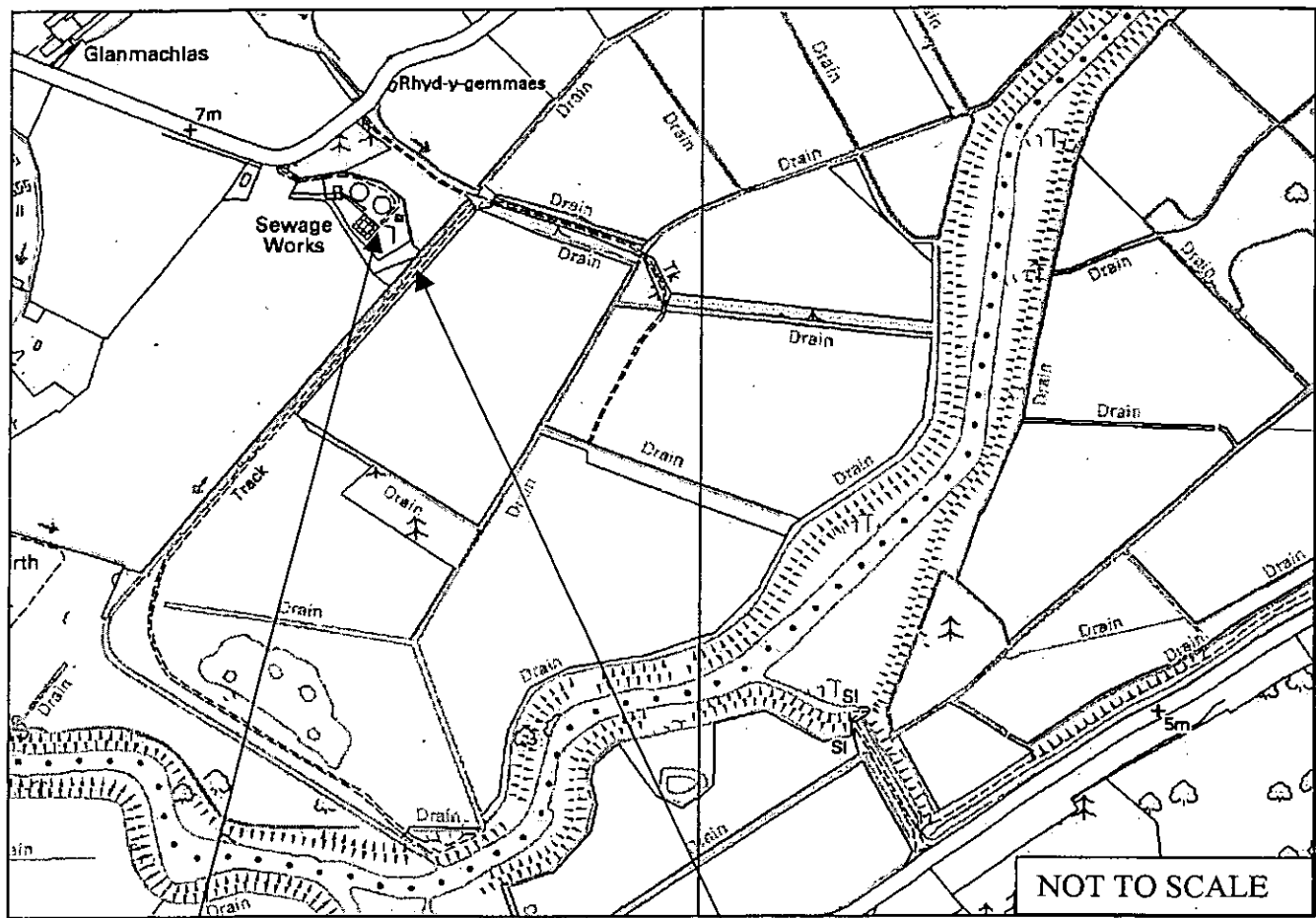
CONSENT NO.	CG0114301
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ASiantaeth yr
Amgylchedd Cymru
Environment
Agency Wales

ANNEX 3

Plan CG0114301



Discharge Sample Point

Consent Point



PR



ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Ein cyf/Our ref. DR/SH/CG0114301

Dyddiad/Date: 16th December 2002

Dwr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

COPY

Dear Sir/Madam

**WATER RESOURCES ACT 1991, SCHEDULE 10 (AS AMENDED BY THE ENVIRONMENT ACT 1995), APPLICATION FOR CONSENT TO DISCHARGE FINAL SEWAGE & STORM SEWAGE VIA SAME OUTLET BY DWR CYMRU CYF FROM LLANEGRYN SEAGE TREATMENT WORKS, LL36 9UG.
APPLICATION NO: CG0114301.**

Initial consideration has been given to the application and we find that we cannot proceed with the application until further information is provided. The attached notice gives details of the information required to enable us to proceed, and the timescale for providing us with the information.

If we do not hear from you by 28 days from this notice we may refuse to proceed with the application. If you need more time to collect the information please let us know before this date.

Legislation allows 4 months, from the date the application is complete, to determine your application. This 4-month period will not start until you have provided this information asked for.

When the full information is received, the Agency is required to advertise the application unless it considers that the proposed discharge is **unlikely to have** any appreciable effect on the receiving watercourse. This would involve placing a notice in local newspaper(s) and in the London Gazette at your expense. I will contact you again should advertising be required.

Details of your application for consent are placed on a public register, kept by the Agency and open for inspection by the public.

Yours sincerely


Iwan Thomas

Team Leader Environment Management

Please ask for Ext. 4502

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144



Application No. CG0114301



ASiantaeth YR
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

ENVIRONMENT AGENCY

WELSH REGION

WATER RESOURCES ACT 1991 - SCHEDULE 10
(as amended by the Environment Act 1995)

NOTICE REQUIRING FURTHER INFORMATION TO SUPPORT APPLICATION FOR DISCHARGE CONSENT

To: Dwr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY

Application For Consent to discharge from Llanegryn Sewage Treatment Works LL36 9UG.

In pursuance of its powers under paragraph 1(4) of Schedule 10 to the Water Resources Act 1991 the **Agency** gives you **NOTICE** that further information, as detailed in the attached Schedule, is required for the purpose of determining the above application for Consent and should be provided to the **Agency** at the following address within the period of 28 days from the date of this notice.

Address to which information should be sent:

Miss Stella Hammond
Environment Agency Wales
Chester Road
Buckley Flintshire CH7 3AJ

Signed:

Iwan Thomas

Date: 17/12/02,

NOTES

- 1 If you fail to provide the information required by this notice within the period specified above, we will refuse to proceed with your application.
- 2 You may apply to the Agency for this notice and any of the information provided in response to be excluded from the Public Register on the grounds that it is commercially confidential. Please include any application for confidentiality and associated reasons with your response to this notice.
- 3 If it appears to you that it would be contrary to the interests of national security for any information provided in response to this notice to be entered on the Public Register, you may give notice to that effect to the Secretary of State DEFRA/National Assembly for Wales. Please include a copy of any notice given to the Secretary DEFRA/National Assembly for Wales with your response to this notice.
- 4 Subject to any decision that the information provided in response to this notice is commercially confidential or would affect national security, it will be placed on the Public Register.

The Schedule is attached.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwcle, Sir y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144





ASiantaeth yr
AMGYLCHEDD CYMRU
ENVIRONMENT
AGENCY WALES

Application No.	CG0114301
Date issued	16 th December 2002

SCHEDULE OF FURTHER INFORMATION REQUIRED

Could you please supply the following information:

An application for a variation to existing consent CG0114301 (Llanegryn STW) has been submitted by Dwr Cymru Cyf to affect changes to meet AMP3 improvements.

One application form has been completed to request both the variation of the existing Final Sewage Effluent discharge from Llanegryn Sewage Treatment Works and the addition of a new Storm Sewage Discharge via the same outlet.

Should it be the case that a new discharge under Storm Conditions is being applied for, please complete and submit a separate application form.

Asiantaeth yr Amgylchedd Cymru
Ffordd Caer, Bwele, Sir y Fflint CH7 3AJ
Ffon 01244 550124 Ffacs 01244 550144

Environment Agency Wales
Chester Road, Buckley, Flintshire CH7 3AJ
Tel 01244 550124 Fax 01244 550144



Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

Part A

To: DWR CYMRU CYFYNGEDIG
CONSENTS REGULATION OFFICER
PLAS-Y-FFYNNON
CAMBRIAN WAY
BRECON LD3 7HP

The **Environment Agency** ("the Agency") hereby confirm that the above named person is a/the registered holder of consent. CG0114301

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at LLANEGRYN STW

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. **Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor.** To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B Please complete in block capitals or type.

To:

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent:

Name:

Address:

I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to: * delete as appropriate

Name(s) of new holder(s):

Address:

Post Code:

Date of Transfer to new Holder(s):

Signed:

Dated:

Name (block capitals):

Position:

(to be completed when signing)



CONSENT VARIATION

RIVERS (CONTROL OF POLLUTION) ACTS 1951-1961

THE WATER AUTHORITIES (CONTROL OF DISCHARGES) ORDER 1978

I am directed by the Secretary of State for Wales to refer to the discharge consent in respect of the LLANEGRYN..... sewage treatment works dated 30. SEPTEMBER... 1983.

The Secretary of State for Wales, having consulted with the Welsh Water Authority, hereby gives notice that in exercise of his powers under Articles 4(8) and 8 of the Water Authorities (Control of Discharges) Order 1978 (SI 1978 No 1210), the conditions imposed on the said consent shall be varied in the following terms:

CONDITIONS

The quality and quantity of effluent shall not exceed the following maximum values:

Biochemical Oxygen Demand (+ ATU) over 5 days at 20°C; 49 milligrammes per litre.

Suspended Solids dried at 105°C; 49 milligrammes per litre.

Ammoniacal ammonia expressed as nitrogen milligrammes per litre.

Dry Weather Flow ~~litres per second~~ 34 metres cubed per day.

maximum rate of flow 1.2 litres per second
or 102 metres cubed per day.

This variation takes effect from the 30. January 1985.

This notice should be retained with the consent dated 30. SEPTEMBER 1983.

George Roberts
WEP Division
Welsh Office

MS 1172

64/13/534

1143

Welsh Off Ref

Form SS.CW1

WWA HQ Ref

RW/0173/1/UC

Sheet 1
of 2

WATER ACT 1973
RIVERS (PREVENTION OF POLLUTION) ACTS 1951 - 1961
WATER AUTHORITIES (CONTROL OF OUTLETS AND DISCHARGES) REGULATIONS 1975

NOTIFICATION OF CONSENT
for a discharge and/or outlet

To:

WELSH WATER AUTHORITY

This Notification is issued under the above-mentioned Acts and Regulations and all other enabling powers as a CONSENT DEEMED TO HAVE BEEN GRANTED BY THE SECRETARY OF STATE FOR WALES and is in respect of : an Outlet and a Discharge of Sewage Effluent from the Authority's : LLANEGRYN SEWAGE TREATMENT WORKS

The Authority submitted this Notification of Consent on : 30th June 1983 to the Secretary of State for Wales, in the form of a draft, and he has NOT, within three months, required the Authority to apply to him for a consent. This Consent has therefore taken effect as a consent which is deemed to have been granted by the Secretary of State for Wales, subject only to the following conditions, on : 30th September 1983

CONDITIONS

As to the OUTLET :

1. The form and location of the outlet shall be in accordance with the following, namely:
an outlet in the form of : the existing outlet
and discharging into the : tributary of the Afon Dysynni
at National Grid Reference : SH 6172 0570
and which is shown marked : Discharge Point
on the attached Plan No. : RW/0173/1/UC

2. The outlet shall be used only for making the discharge specified in Condition 3 below.

As to the DISCHARGE :

3. The discharge shall consist only of Treated Sewage Effluent and/or Storm Sewage from the Llanegryn Sewage Treatment Works.

4. Treated Sewage Effluent

- a) The quality and quantity of the Treated Sewage Effluent shall not exceed the following maximum values:

<u>Determinand</u>	<u>Value</u>	<u>Unit</u>
Biochemical Oxygen Demand (+ATU) over 5 days at 20°C	25	milligrams per litre
Suspended Solids dried at 105°C	18	milligrams per litre
Rate of discharge	1.2	litres per second
Volume during any period of 24 consecutive hours	102	cubic metres
Volume discharged under 'dry weather conditions' during any period of 24 consecutive hours.	34	cubic metres

(Conditions continued on Sheet 2)

The terms of this Consent will not, without the consent in writing of the person to whom this Consent is given, (or his successor), be altered before the expiration of the period ending with the Thirtieth day of September 19 85 .

This Notification is issued by the Directorate of Scientific Services at Headquarters, Welsh Water Authority, Cambria Way, Brecon, Powys

LLANEGRYN S.I.W.
OSGR. SM. 61720570
WELSH WATER AUTHORITY
PLAN NO. RW/0173/I/VI
LLANEGRYN
SEWAGE TREATMENT WORKS

This is the Plan referred to
in the Consent.

Number RW/0173 II/41

THE NATIONAL GRID

This Continuation Sheet is part of the Notification of: Consent
deemed granted by the Secretary of State for Wales on: 30th September 1983
and is in respect of: an Outlet and a Discharge of Sewage Effluent
from the Authority's: LLANEGRYN SEWAGE TREATMENT WORKS

Sheet 2
of 2

- b) Adequate facilities shall be provided for the taking of samples of the Treated Sewage Effluent at the outlet from the humus tanks.

5. Storm Sewage Effluent

- a) The rate of discharge of the Storm Sewage Effluent shall be limited to the amount by which the rate of flow at the storm separating weir is at the time of discharge in excess of 1.2 litres per second.
- b) Adequate facilities shall be provided for the taking of samples of the Storm Sewage Effluent at the storm overflow weir.